

PATENT APPLICATION

UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q91465

Mitsuru TANIKAWA, et al.

Appln. No.: 10/559,529

Group Art Unit: NOT YET ASSIGNED

Confirmation No.: 2707

Examiner: NOT YET ASSIGNED

Filed: December 2, 2005

For:

CURING RESIN COMPOSITION, SEALING MATERIAL FOR LIQUID CRYSTAL

DISPLAY DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE

<u>INFORMATION DISCLOSURE STATEMENT</u> <u>UNDER 37 C.F.R. §§ 1.97 and 1.98</u>

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following:

U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed no later than three months from the application's filing date, and therefore no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

INFORMATION DISCLOSURE STATEMENT Attorney Docket No.: Q91465

U.S. Appln. No.: 10/559,529

1. The disclosure at page 6 of the present specification and the submission of an English language abstract for JP Hei-6-160872 each constitute a concise statement of relevance of JP Hei-6-160872. Furthermore, cited document GB 2 272 906 claimed priority based on JP Hei-6-160872.

- 2. The disclosure at page 6 of the present specification and the submission of an English language abstract for JP Hei-1-243029 each constitute a concise statement of relevance of JP Hei-1-243029.
- 3. The disclosure at page 6 of the present specification and the submission of an English language abstract for JP Hei-7-013173 each constitute a concise statement of relevance of JP Hei-7-013173.
- 4. The disclosure at page 6 of the present specification and the submission of an English language abstract for JP Hei-7-013174 each constitute a concise statement of relevance of JP Hei-7-013174.
- 5. The disclosure at page 6 of the present specification and the submission of an English language abstract for JP Hei-7-013175 each constitute a concise statement of relevance of JP Hei-7-013175.
- 6. The disclosure at page 6 of the present specification and the submission of an English language abstract for JP Hei-5-264980 each constitute a concise statement of relevance of JP Hei-5-264980.
- 7. The disclosure bridging pages 6 and 7 of the present specification and the submission of an English language abstract for JP Hei-7-224144 each constitute a concise statement of relevance of JP Hei-7-224144.

Also, for the Examiner's convenience, Applicant also submits herewith courtesy copies of the documents that were cited in the International Search Report, which were previously cited and listed

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/559,529

Attorney Docket No.: Q91465

in the Information Disclosure Statement (IDS) filed on December 2, 2005. Also with respect to these

documents, in further compliance with the concise explanation requirement under 37 C.F.R.

1.98(a)(3) for foreign language documents, submitted herewith with copies of the documents are

English language abstracts and where available computer translations, as indicated on attached Form

PTO/SB/08 A&B.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee

and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to

said Deposit Account.

Respectfully submitted,

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: March 6, 2006

3

Substitute	for	Form	1449	A	&	B/P	то

Sheet

INFORMATION DISCLOSURE

(use as many sheets as necessary) MAR 0 6 2006

Complete if Known							
10/559,529							
2707							
December 2, 2005							
Mitsuru TANIKAWA							
NOT YET ASSIGNED							
NOT YET ASSIGNED							
Q91465							

			U.S.	PATENT DOCUM	IENTS
		Document No	ımber		
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US			

	-	· · · · · · · · · · · · · · · · · · ·	F	OREIGN PA	ATENT DOCUM	ENTS	
Examiner	Cite	Foreign Patent Document Country			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
Initials*	No.1	Country Code ³	Number ⁴	(if known)	WINI-DD-1111	Applicant of Cited Document	
		JP	60-221417	A1	11/06/1985	NIPPON KAYAKU CO., LTD.	Abstract
		JP	1-296241	A1	11/29/1989	UNITIKA LTD.	Abstract
		JP	3-710	Al	01/07/1991	NIPPON SHOKUBAI KAGAKU KOGYO CO., LTD.	Abstract
		JP	3-244615	Al	10/31/1991	NIPPON KAYAKU CO., LTD.	Abstract
		JP	5-140264	Al	06/08/1993	DAINIPPON INK AND CHEMICALS, INC.	Abstract and computer translation
		JP	6-332169	Al	12/02/1994	UNITIKA LTD.	Abstract and computer translation
		JP	9-157340	Al	06/17/1997	KYOEISHA KAGAKU KABUSHIKI KAISHA	Abstract and computer translation
		JP	10-3084	Al	01/06/1998	SUMITOMO BAKELITE CO., LTD.	Abstract and computer translation
		JP	10-251499	Al	09/22/1998	HITACHI CHEMICAL CO., LTD.	Abstract and computer translation
		JP	10-292096	Al	11/04/1998	NIPPON OIL CO., LTD.	Abstract and computer translation

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	·	Date Considered		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Comp	olete if Known
Application Number	10/559,529
Confirmation Number	2707
Filing Date	December 2, 2005
First Named Inventor	Mitsuru TANIKAWA
Art Unit	NOT YET ASSIGNED
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	Q91465

			U.S. I	PATENT DOCUM	MENTS
P	Citt	Document 1	Number	Publication Date	
Examiner Initials*	Cite No.1	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US			

	·		FC	OREIGN PA	TENT DOCUM	ENTS	
Examiner	Cite	Foreign Patent Document			Publication Date	Name of Patentee or	Translation ⁶
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation
		JP	2000-336144	Al	12/05/2000	MITSUBISHI GAS CHEMICAL CO.,	Abstract and computer translation
	-	JP	2003-119249	A1	04/23/2003	MITSUI CHEMICALS, INC.	Abstract and computer translation
		JP	2003-26762	Al	01/29/2003	NIPPON STEEL CHEMICAL CO., LTD.	Abstract and computer translation
		JP	2004-61925	A1	02/26/2004	NIPPON KAYAKU CO., LTD.	Abstract and computer translation
		JP	Hei-6-160872		06-07-1994	HOKURIKU TORYO KK; SHARP KK	Abstract
		GB	2 272 906	А	06-01-1994	SHARP KABUSHIKI KAISA	claims priority of JP Hei-6- 160872
	_	JP	Hei-1-243029		09-27-1989	SEIKO EPSON CORP; THREE BOND CO LTD	Abstract
	***	JP	Hei-7-013173		01-17-1995	THREE BOND CO LTD	Abstract
		JP	Hei-7-013174		01-17-1995	THREE BOND CO LTD	Abstract
		JP	Hei-7-013175	1	01-17-1995	THREE BOND CO LTD	Abstract
		JP	Hei-5-264980		10-15-1993		Abstract
		JP	Hei-7-224144		08-22-1995	NIPPON ZEON CO	Abstract

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
			<u> </u>

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.